

BEST AVAILABLE COPY

AMENDMENT

IN THE CLAIM

Please cancel Claims 10, 12-15 without prejudice or disclaimer of the subject matter thereof. And add the features of the claims 10,12, 14-15 to the Claim 9 to form a new independent claim 9. The features of the original claims 13 instead of the feature of the original claim 12 added to the amended claim 9 to form a new independent claim 27. According to the instruction of the prior office action date 04/28/2005, the original claims 16-19 are withdrawn to apply in new divisional application under examination. And then Claim 9 to 15 is elected as generic claim for persecution in the present invention. Claims 1-8 is already cancelled at that time, and the claims 20-26 are the original dependent claims 2-8, also was cancelled on 03/29/06.

LIST OF CLAIMS

BEST AVAILABLE COPY

Claim 1-8 (Cancelled)

Claim 9. (Currently amended) A method for manufacturing a waterproof zipper comprising a step of: (a) feeding a nylon zipper to a feeding device; (b) passing the nylon zipper to a gluing device and coating PU gel on backsides of the fastener strips of the nylon zipper; (c) pressing the PU gel into the fastener strips by using capillary effect; (d) vaporizing solvent in the PU gel in a drying box; (d1) printing patterns on the PU film; output the nylon zipper by a guide device; feeding a nylon zipper to a feeding device; (e) adhering a PU film with PU gel on backsides of the fastener strips by using rollers to press the PU film so as to be formed as a waterproof layer; wherein the PU film is adhered on a release paper; (f) heating the PU film and PU gel to be formed as a waterproof layer; extruding the PU film, PU gel and fastener strips so as to firmly combine the PU film, PU gel and fastener strips; compressing the PU film, PU gel and fastener strips at two sides so as to firmly combine the PU film, PU gel and fastener strips; (g) cutting the waterproof layer along a center of the waterproof layer so as to be formed with two waterproof layers which are located at the two fastener strips; and thus a waterproof zipper being formed and (h) guiding the waterproof zipper out.

Claim 10-15. (Cancelled)

Claim 16. (withdrawn) A nylon waterproof zipper comprising two symmetric fastener strips; each fastener strip has a front surface and a back surface; an inner side of the front surface of each fastener strip having a cord thread protruded from the surface; two chains being mounted along the cord threads, respectively; the cord threads being fixed to the fastener strips, respectively; the two chains being engaged by a coupling slider; a back surface of each fastener strip being combined with a thin waterproof layer; characterized in that: a back surface of each fastener strip is permeated with PU

BEST AVAILABLE COPY

gel; and then a PU film is adhered to the back surface by thermal plastic stage so as to be formed as a waterproof layer which includes an inner layer of the PU gel permeating into the fastener strips and an outer layer at an outer side of the fastener strips.

Claim 17. (withdrawn) The nylon waterproof zipper as claimed in claim 1, wherein the waterproof layer is formed with textures.

Claim 18. (withdrawn) The nylon waterproof zipper as claimed in claim 1, wherein a thickness of the inner layer is over one third of each fastener strip.

Claim 19. (withdrawn) The nylon waterproof zipper as claimed in claim 1, wherein a thickness of the inner layer is over one half of each fastener strip.

Claim 20-26. (Cancelled)

Claim 27 (new) A method for manufacturing a waterproof zipper comprising a step of: (a) feeding a nylon zipper to a feeding device; (b) passing the nylon zipper to a gluing device and coating PU gel on backsides of the fastener strips of the nylon zipper; (c) pressing the PU gel into the fastener strips by using capillary effect; (d) vaporizing solvent in the PU gel in a drying box; (d1) forming textures on the PU film; output the nylon zipper by a guide device; feeding a nylon zipper to a feeding device; (e) adhering a PU film with PU gel on backsides of the fastener strips by using rollers to press the PU film so as to be formed as a waterproof layer; wherein the PU film is adhered on a release paper; (f) heating the PU film and PU gel to be formed as a waterproof layer; extruding the PU film, PU gel and fastener strips so as to firmly combine the PU film, PU gel and fastener strips; compressing the PU film, PU gel and fastener strips at two sides so as to firmly combine the PU film, PU gel and fastener strips; (g) cutting the waterproof layer along a center of the waterproof layer so as to be formed with two waterproof layers which are located at the two fastener strips; and thus a waterproof zipper being formed and (h) guiding the waterproof zipper out.